



Product Carbon Footprint Calculation Results

02/04/2025 - 15:45

Product	SKU
DRESSES	ALANI RUFFLE DRESS

Layer	Gender	Wastage Percentage
Tops	Women	5%

Property Name	Property Value	SQM
Upper body length	regular	0.6
Fit	slim	1.44
Sleeves	half	0.14
Neck	korean	0.019
EU SIZE	L woman	0.19897744204083448

Layer	Gender	Wastage Percentage
Skirts	Women	5%

Property Name	Property Value	SQM
Length	long	0.69
Shape	tulle	484
Rise	regular	0
EU SIZE	L woman	0.19897744204083448

External - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	317.5344	4616.9499
Total	100%	14.54	317.53	4616.95

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

External - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (INDIA) 114.8255
Winding (CO2e g)	Viscose generic (INDIA) 264.0987
Sizing (CO2e g)	Viscose generic (INDIA) 5.4949
Ring Spinning (CO2e g)	Viscose generic (INDIA) 551.1625
Warping (CO2e g)	Viscose generic (INDIA) 18.6826
Roving (Co2e g)	Viscose generic (INDIA) 45.9302
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 142.8666
Blowing (CO2e g)	Viscose generic (INDIA) 103.343
Drawing (CO2e g)	Viscose generic (INDIA) 68.8953
Total	1315.2993

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

External - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (INDIA) 0.015
Total	0.015

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

External - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (INDIA) 0.4928
Weaving (CO2e g)	Viscose generic (INDIA) 468.1727
Total	468.6655

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

External - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (INDIA) 184.805
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 184.805
Washing & Drying Emissions	Viscose generic (INDIA) 27.1047
Total	396.7147

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Paillettes (unit)	INDIA	0.0299	40
Addition	Zip (cm)	INDIA	0.1908	20

External - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

Fabric_2 - Raw Material

Material	Percentage	CO2e per GRAM	Fabric Grams	CO2e Grams
Viscose generic	100%	14.54	317.5344	4616.9499
Total	100%	14.54	317.53	4616.95

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Fabric_2 - Yarn Production

Process Name	Material
Carding (CO2e g)	Viscose generic (INDIA) 114.8255
Winding (CO2e g)	Viscose generic (INDIA) 264.0987
Sizing (CO2e g)	Viscose generic (INDIA) 5.4949
Ring Spinning (CO2e g)	Viscose generic (INDIA) 551.1625
Warping (CO2e g)	Viscose generic (INDIA) 18.6826
Roving (Co2e g)	Viscose generic (INDIA) 45.9302
Yarn Production - Dyeing (CO2e g)	Viscose generic (INDIA) 142.8666
Blowing (CO2e g)	Viscose generic (INDIA) 103.343
Drawing (CO2e g)	Viscose generic (INDIA) 68.8953
Total	1315.2993

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Fabric_2 - Cutting & Stitching

Process Name	Material
Major cutting	Viscose generic (INDIA) 0.015
Total	0.015

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Fabric_2 - Fabric Production

Process Name	Material
Heat Setting (CO2e g)	Viscose generic (INDIA) 0.4928
Weaving (CO2e g)	Viscose generic (INDIA) 468.1727
Total	468.6655

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Fabric_2 - Garment Manufacturing

Process Name	Material
Finishing Emissions (CO2g)	Viscose generic (INDIA) 184.805
Laundry Emissions (CO2e g)	Viscose generic (INDIA) 184.805
Washing & Drying Emissions	Viscose generic (INDIA) 27.1047
Total	396.7147

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
Addition	Paillettes (unit)	INDIA	0.0299	40
Addition	Zip (cm)	INDIA	0.1908	20

Fabric_2 - Finishing & Packaging

Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	INDIA		0
Total				0

Production Group	Process Name	Country	CO2e	Value
---	Plastic Hanger	INDIA	0.1209	1

Final Transportation

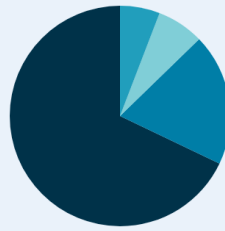
Material	Origin Country	Destination Country	Transports	Transport CO2e Grams
Viscose generic	INDIA	UNITED KINGDOM	AIR - 0	0
Total				0

Total Carbon Footprint

13.59 kg CO₂e

Estimated Offsetting Cost In EUR *

1.36 €



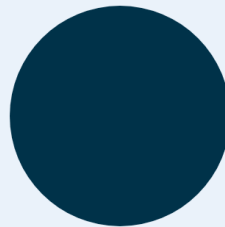
- Raw Material (67.92%)
- Yarn Production (19.36%)
- Fabric Production (6.90%)
- Cutting & Stitching (0.00%)
- Garment Manufacturing (5.84%)
- Finishing & Packaging (0.00%)

Raw Material Carbon Footprint

9.23 kg CO₂e

Estimated Offsetting Cost In EUR *

0.92 €



- Raw Material (100%)

Transportation Carbon Footprint

0 kg CO₂e

Estimated Offsetting Cost In EUR *

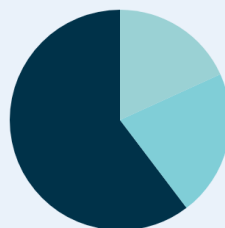
0 €

Process Carbon Footprint

4.36 kg CO₂e

Estimated Offsetting Cost In EUR *

0.44 €



- Yarn Production (60.33%)
- Cutting & Stitching (0.00%)
- Fabric Production (21.50%)
- Garment Manufacturing (18.20%)
- Finishing & Packaging (0.00%)

* Current Average Market Value Of High Quality Carbon Credit

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